

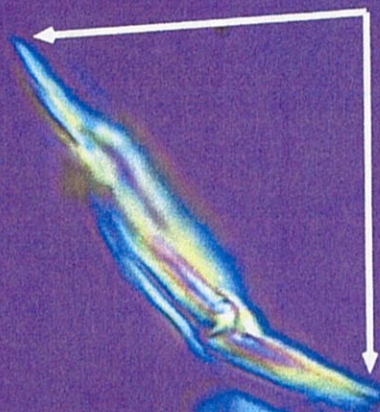
## **Section 3**



SG210 Standard at 0.05% Chrysotile  
Talc 4 Parallel Dispersion 1.560 R.I. @ 100X  
R.I. >1.595

25  $\mu$ m

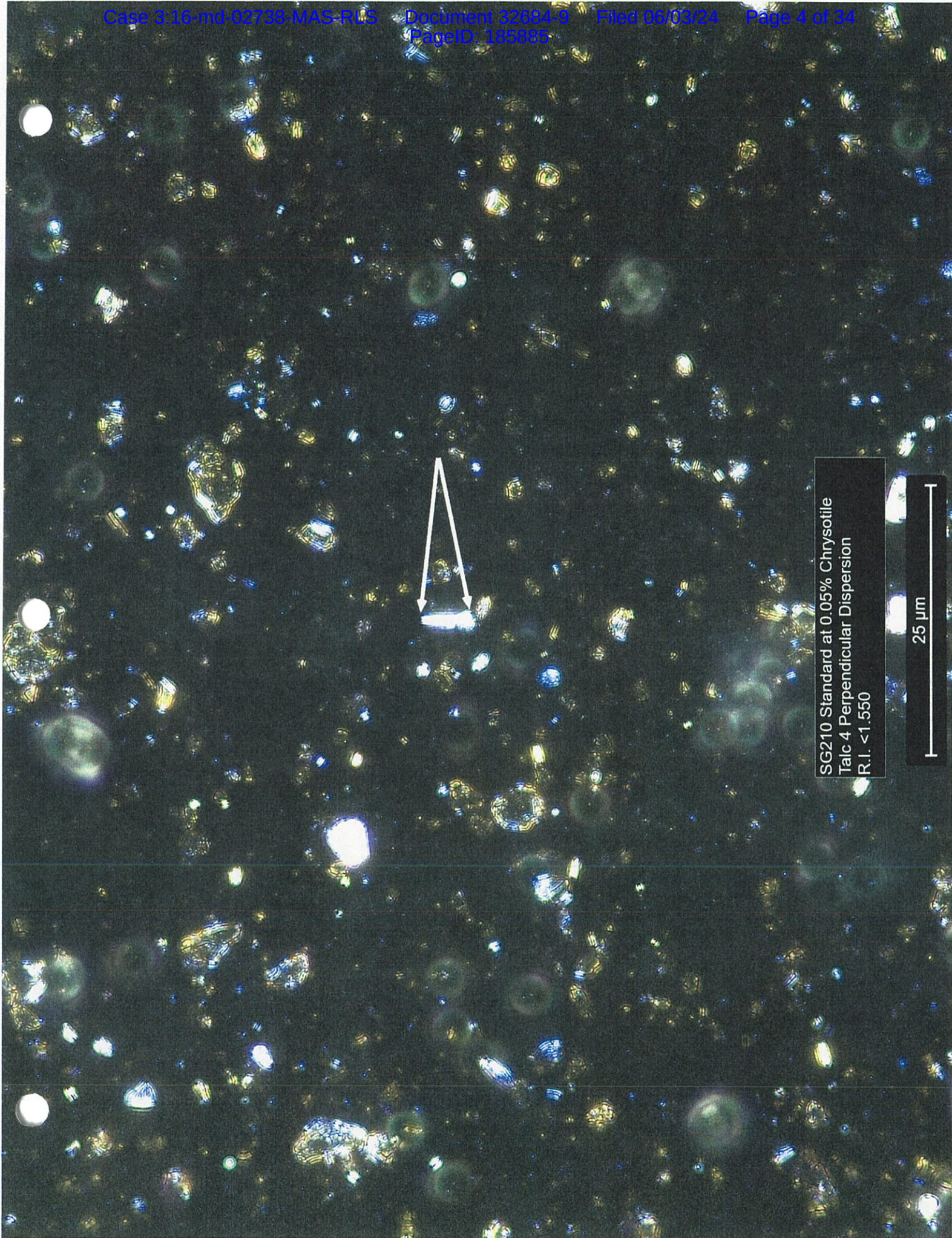




SG210 Standard at 0.05% Chrysotile  
Talc 4 Elongation @ 630X

2.5  $\mu$ m





SG210 Standard at 0.05% Chrysotile  
Talc 4 Perpendicular Dispersion  
R.I. <1.550

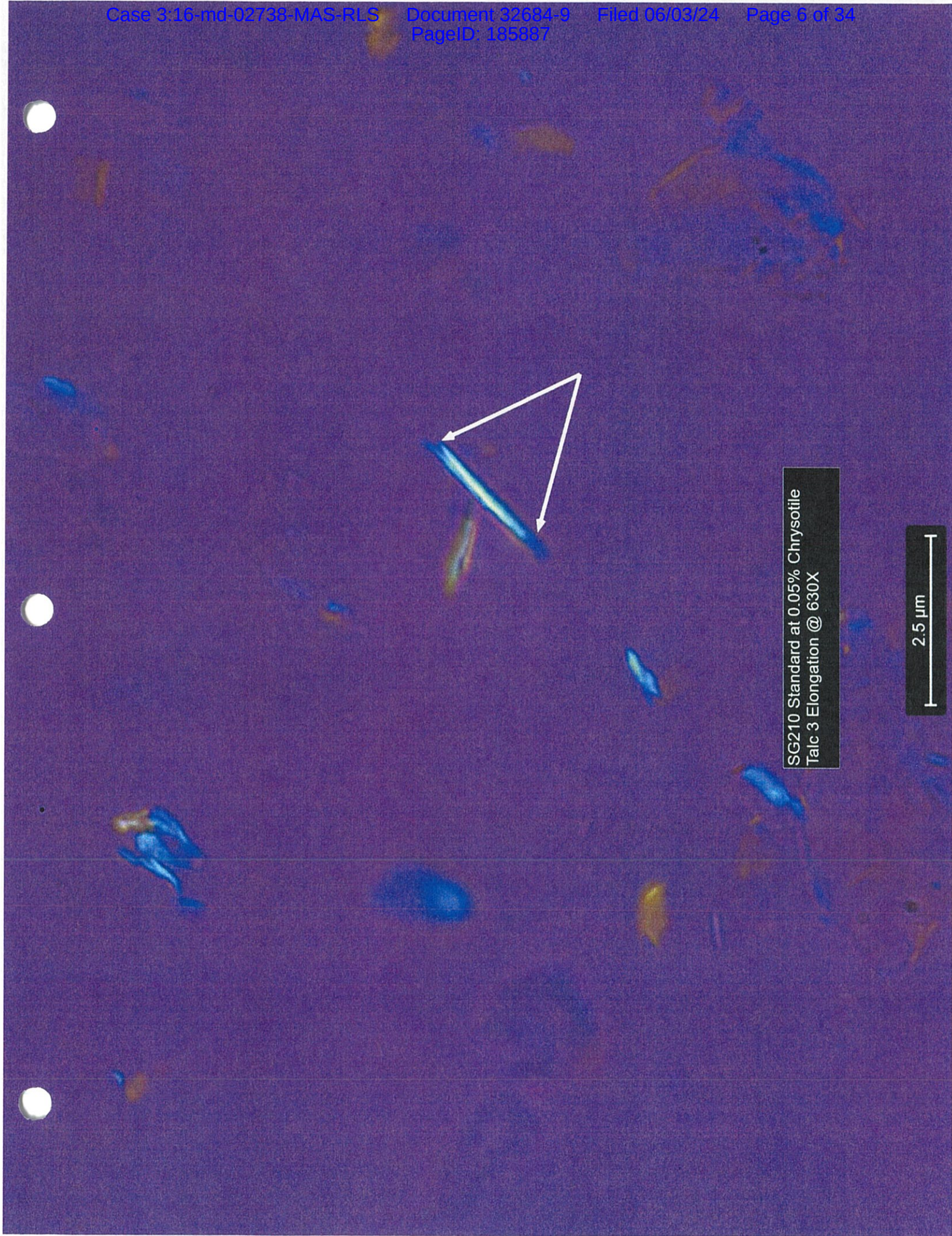
25 μm



SG210 Standard at 0.05% Chrysotile  
Talc 3 Parallel Dispersion 1.560 R.I. @ 100X  
R.I. 1.590

25  $\mu$ m

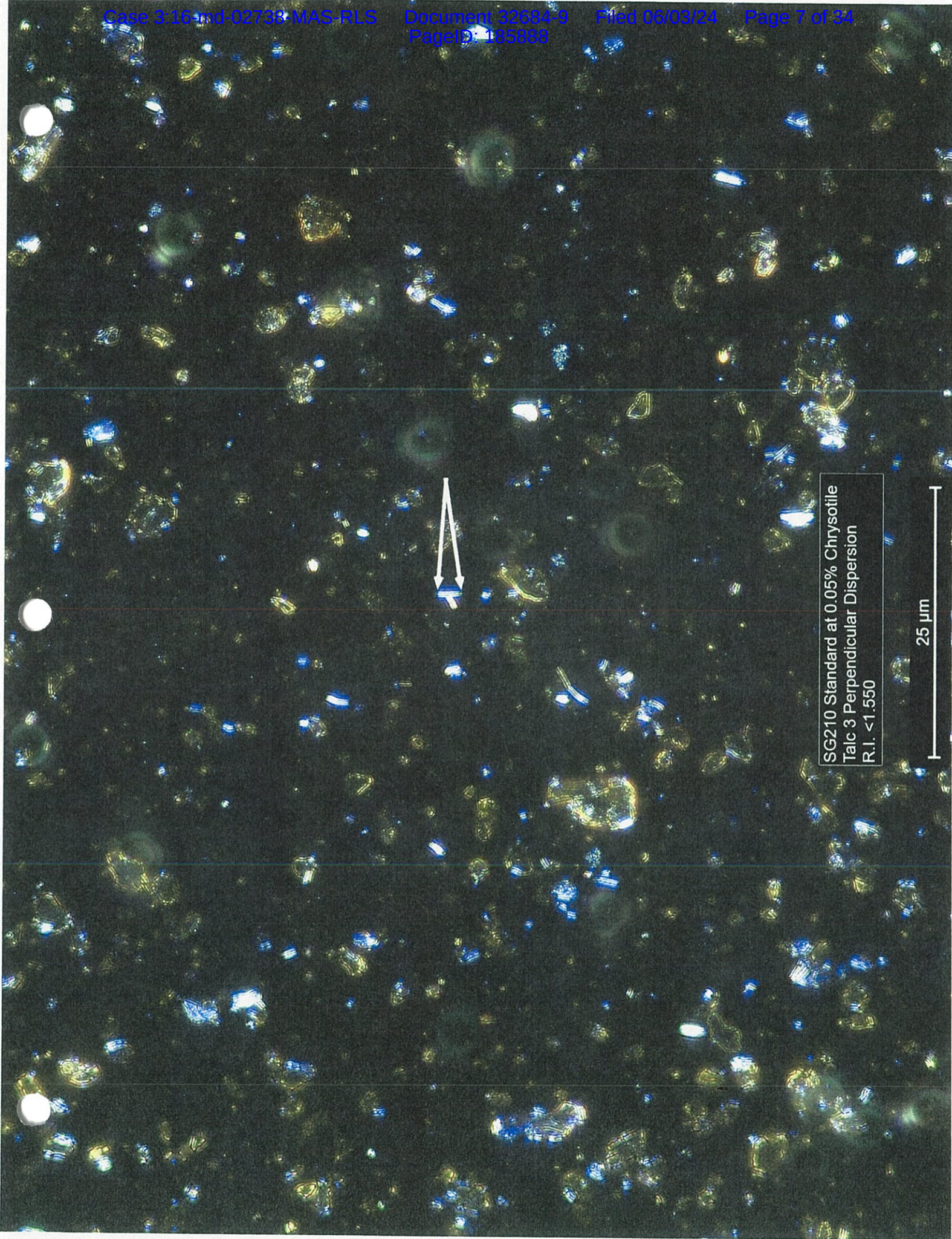




SG210 Standard at 0.05% Chrysotile  
Talc 3 Elongation @ 630X

2.5 μm





SG210 Standard at 0.05% Chrysotile  
Talc 3 Perpendicular Dispersion  
R.I. <1.550

25 μm



SG210 Standard at 0.05% Chrysofile  
Talc 2 Parallel Dispersion 1.560 R.I. @ 100X  
R.I. >1.590

25  $\mu$ m





SG210 Standard at 0.05% Chrysotile  
Talc 2 Elongation @ 630X

2.5  $\mu$ m

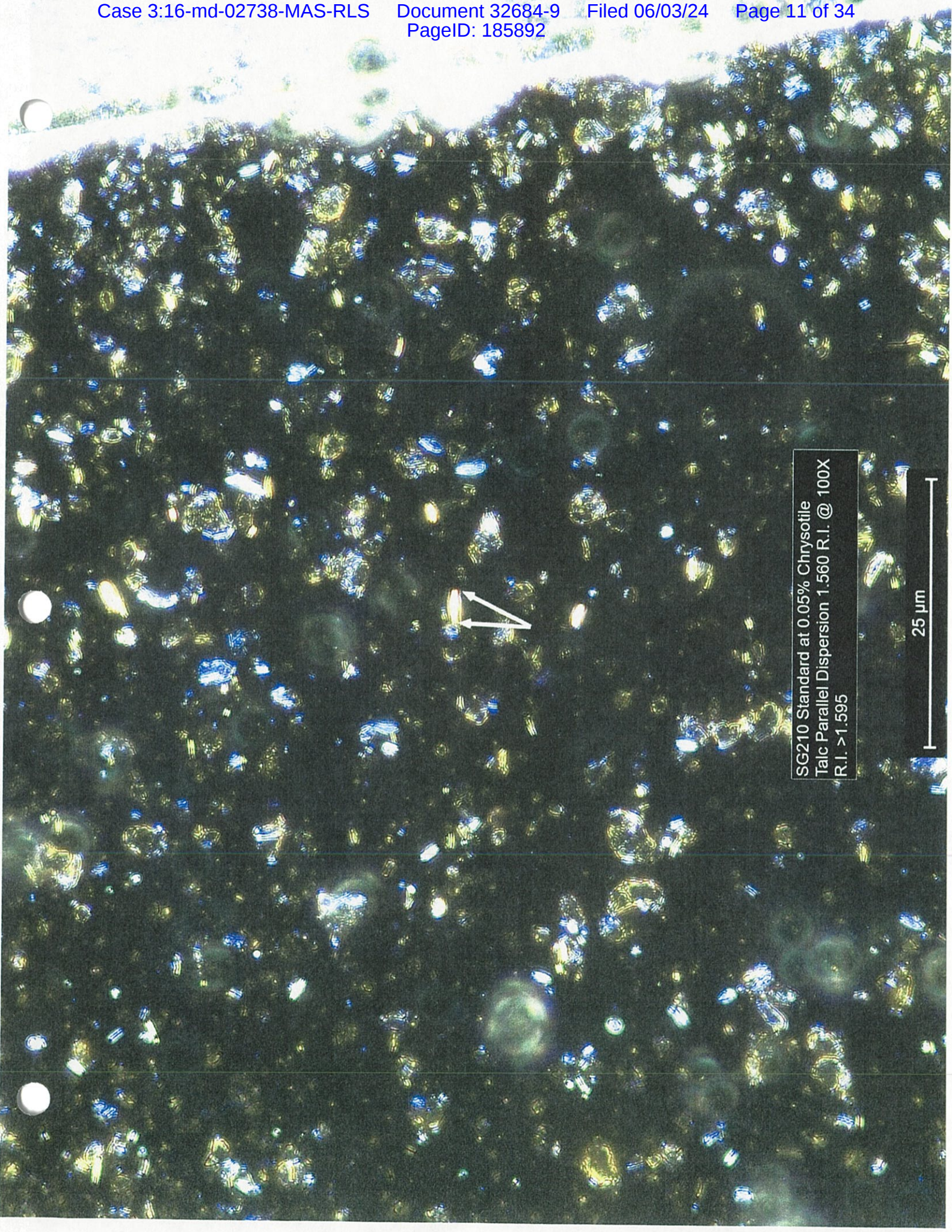




SG210 Standard at 0.05% Chrysotile  
Talc 2 Perpendicular Dispersion  
R.I. <1.550

25  $\mu$ m

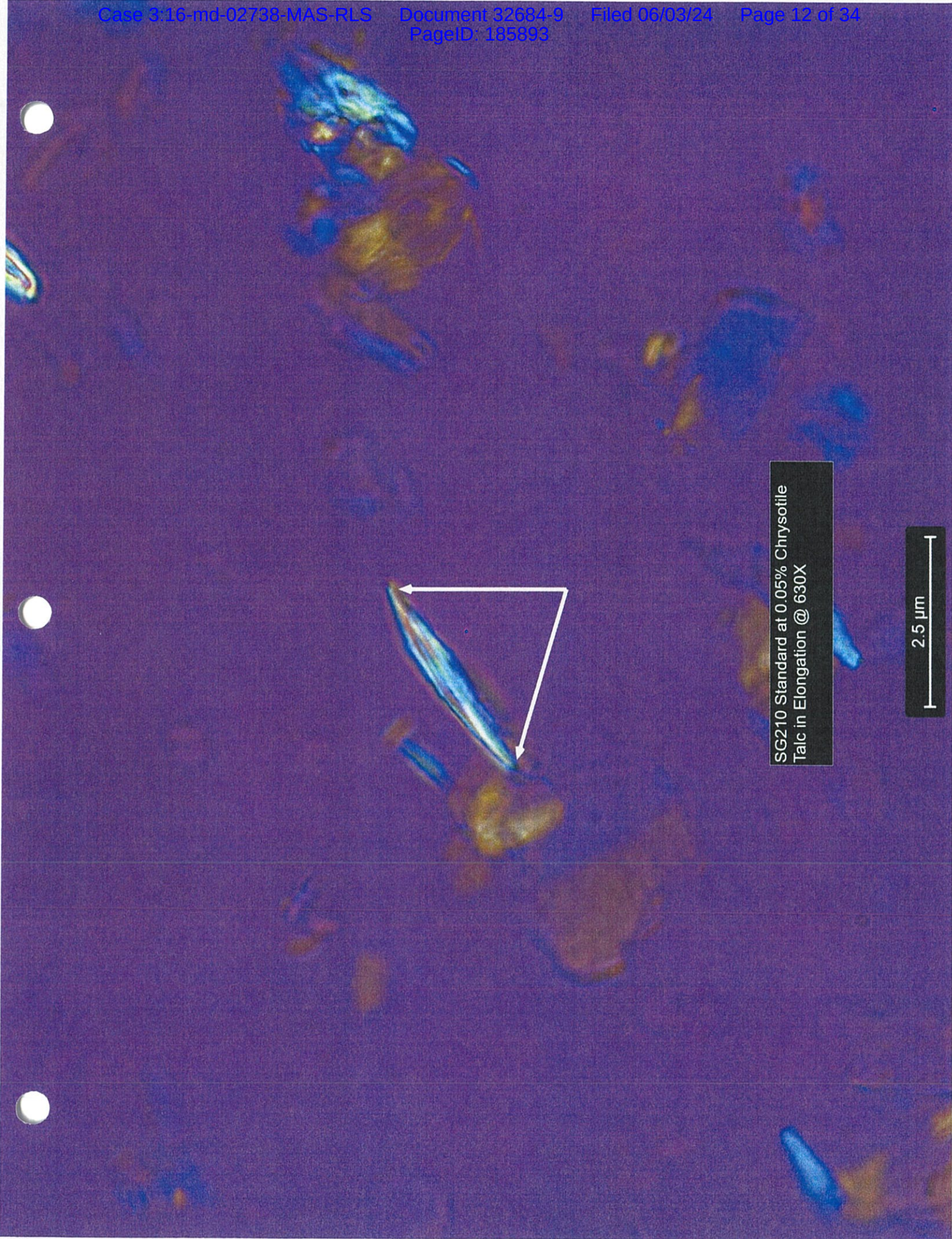




SG210 Standard at 0.05% Chrysotile  
Talc Parallel Dispersion 1.560 R.I. @ 100X  
R.I. >1.595

25 μm

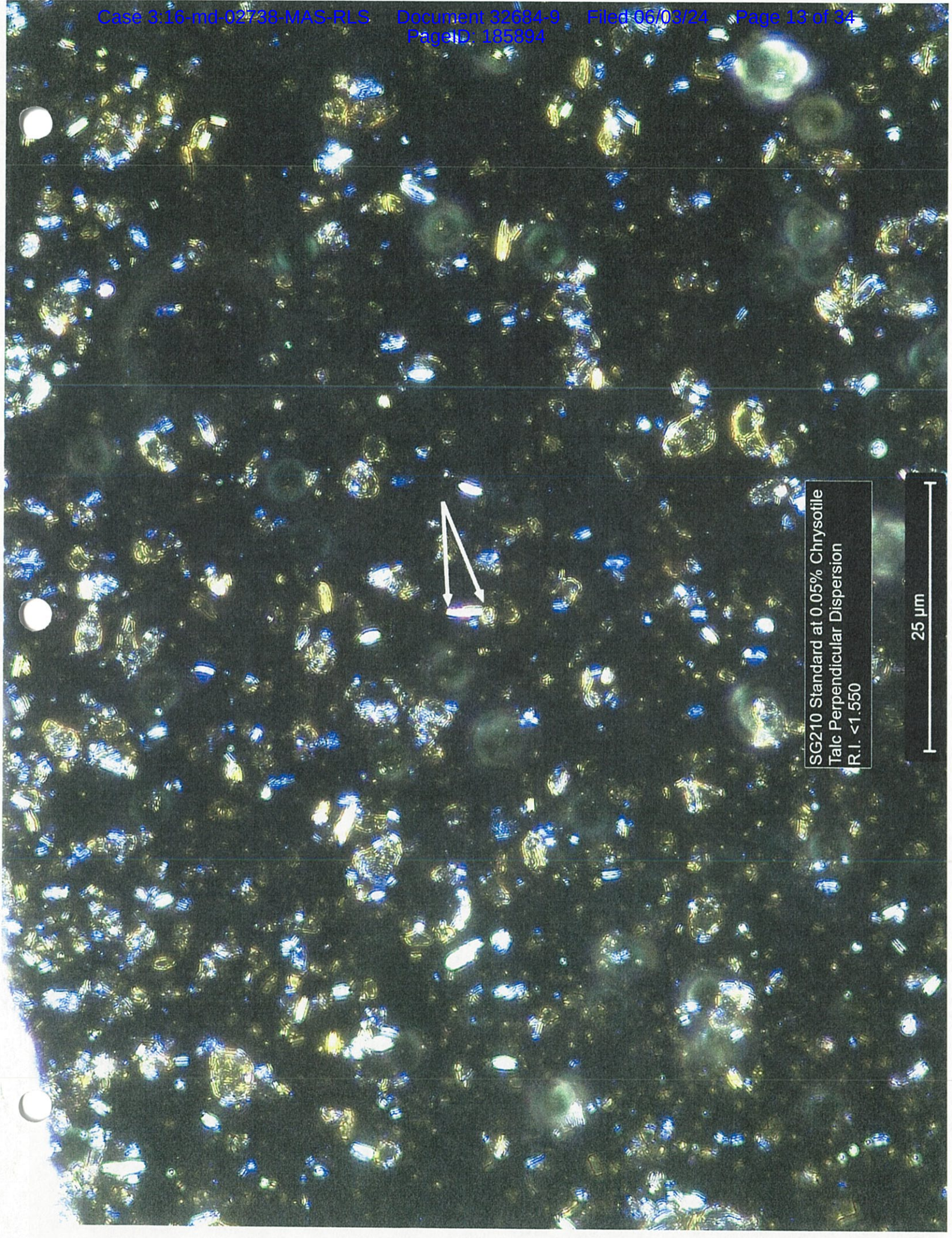




SG210 Standard at 0.05% Chrysotile  
Talc in Elongation @ 630X

2.5 μm





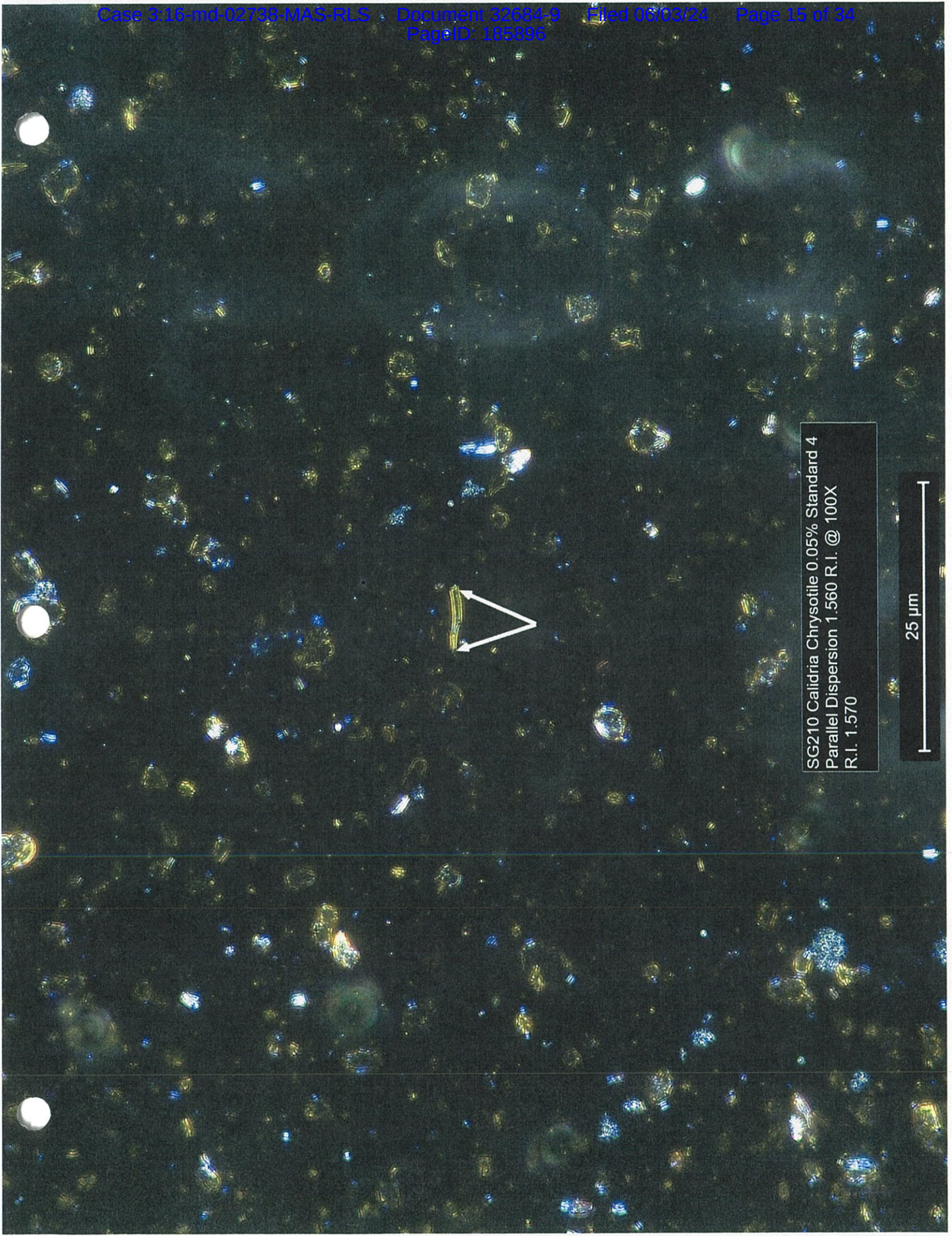
SG210 Standard at 0.05% Chrysotile  
Talc Perpendicular Dispersion  
R.I. <1.550

25  $\mu$ m



## **Section 4**

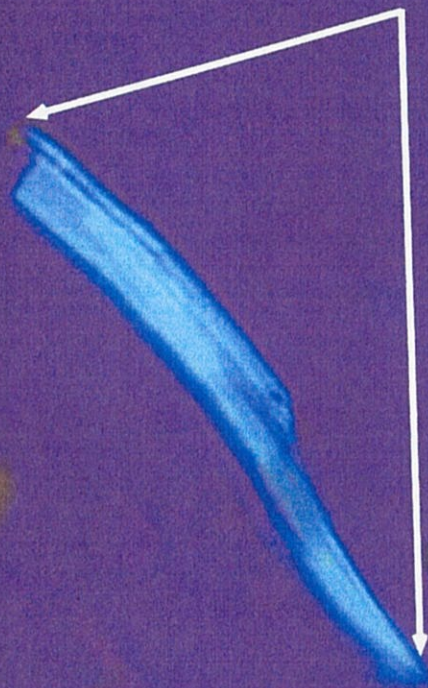




SG210 Calidria Chrysotile 0.05% Standard 4  
Parallel Dispersion 1.560 R.I. @ 100X  
R.I. 1.570

25 μm





SG210 Calidria Chrysotile 0.05% Standard 4  
Elongation @ 630X

2.5  $\mu\text{m}$

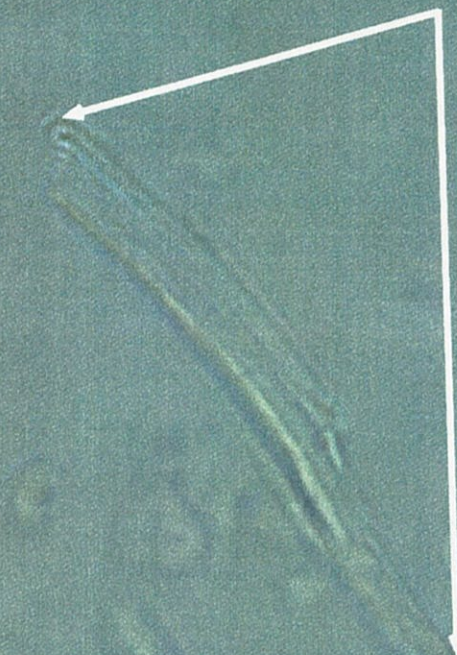




SG210 Calidria Chrysotile 0.05% Standard 4  
Crossed Polars @ 630X

2.5  $\mu\text{m}$

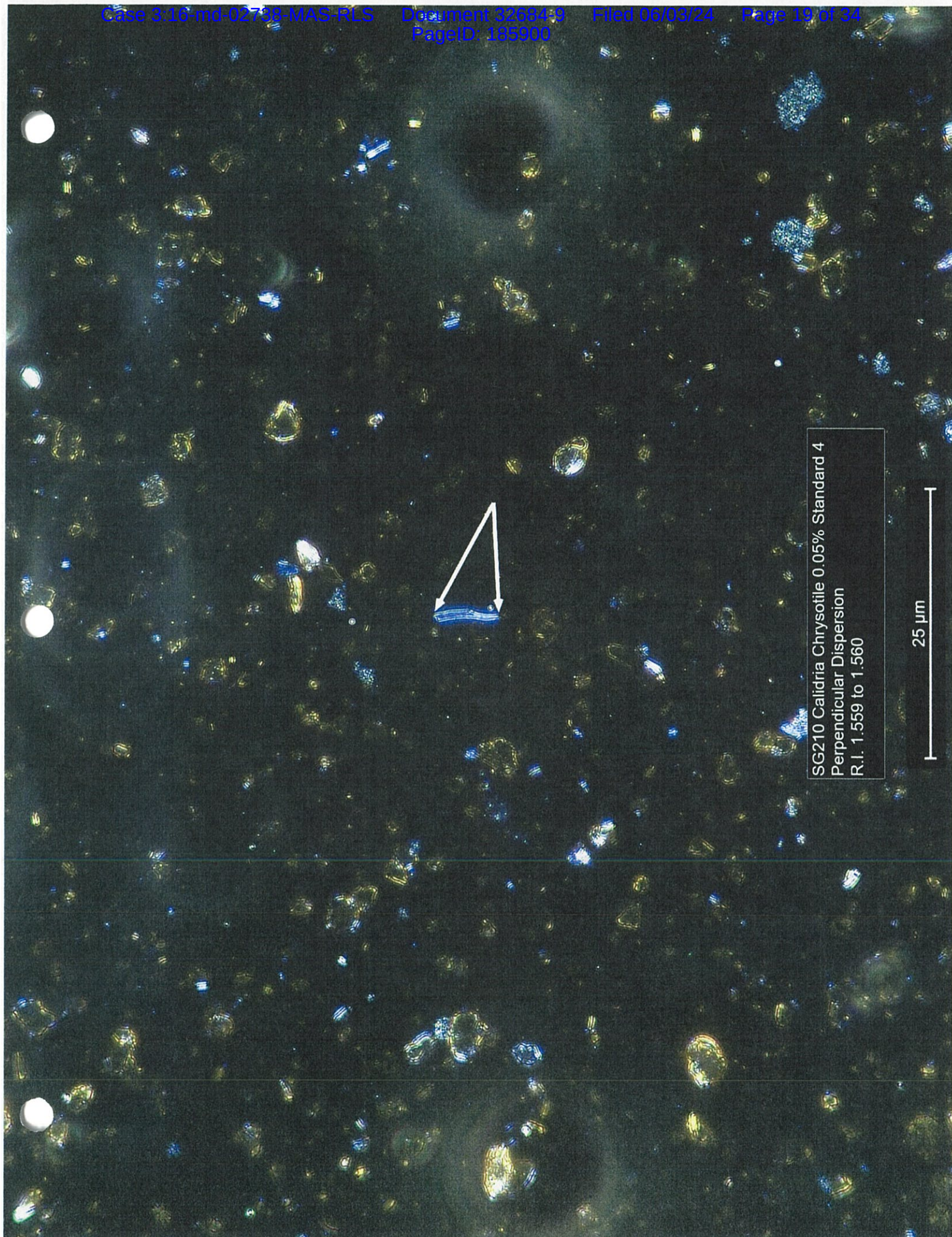




SG210 Calidria Chrysotile 0.05% Standard 4  
Polarizer out  
Aperture Diaphragm 95% closed  
1.560 R.I. @ 630X

2.5  $\mu$ m





SG210 Calidria Chrysoile 0.05% Standard 4  
Perpendicular Dispersion  
R.I. 1.559 to 1.560

25 μm



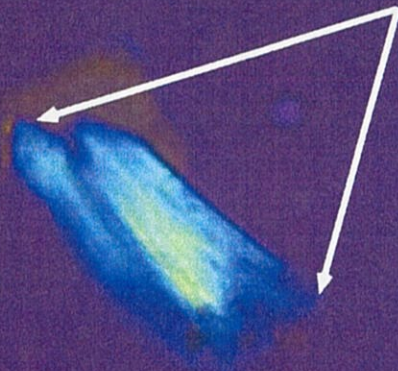
SG210 Calidria Chrysotile 0.05% Standard 3  
Parallel Dispersion 1.560 R.I. @ 100X  
R.I. 1.571

25  $\mu$ m



SG210 Calidria Chrysotile 0.05% Standard 3  
Elongation @ 630X

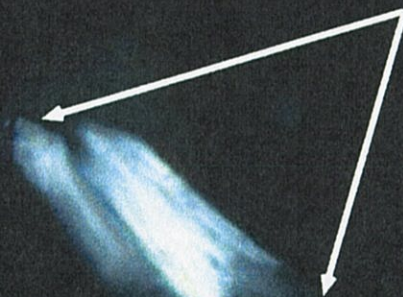
2.5  $\mu\text{m}$



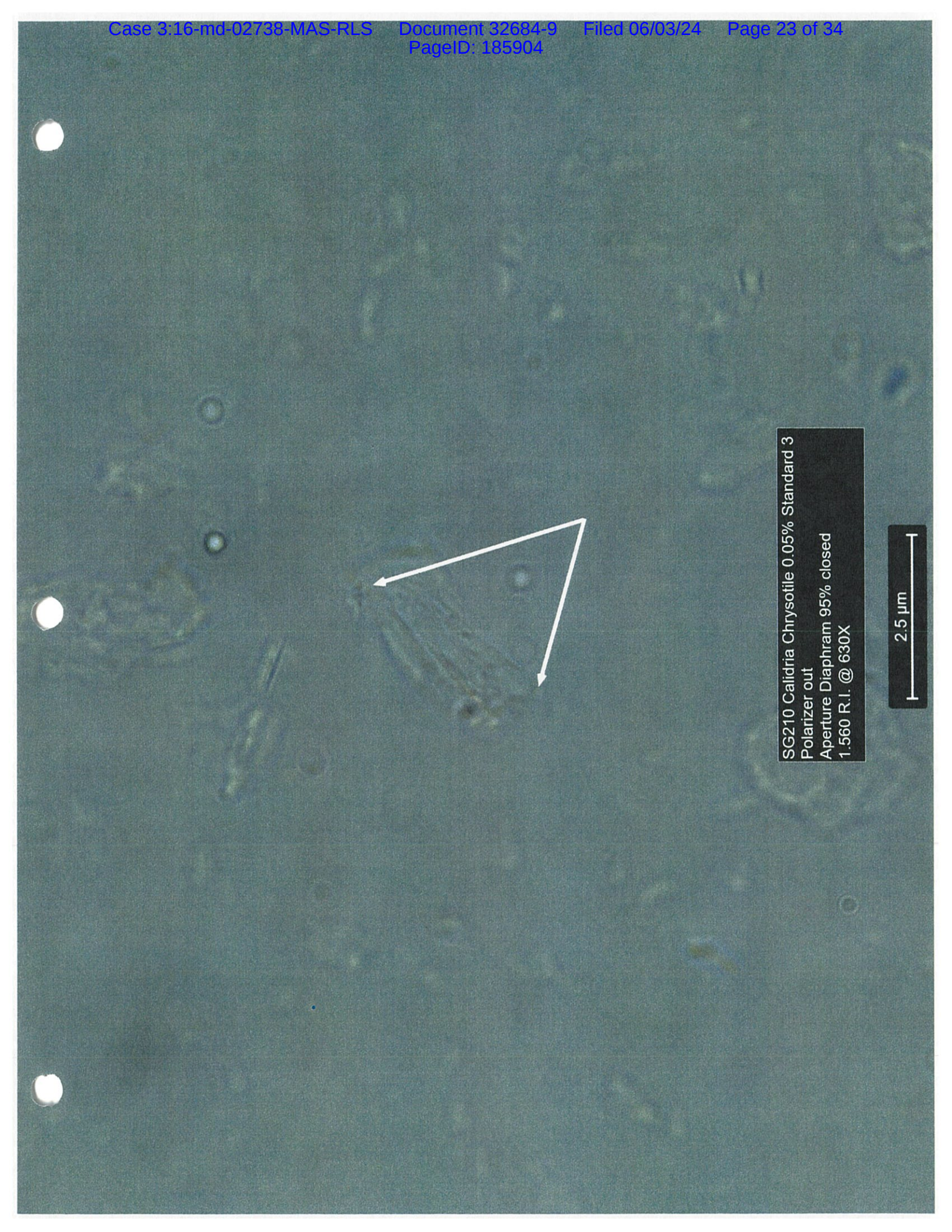


SG210 Calidria Chrysotile 0.05% Standard 3  
Crossed Polars @ 630X

2.5  $\mu$ m







SG210 Calidia Chrysotile 0.05% Standard 3  
Polarizer out  
Aperture Diaphragm 95% closed  
1.560 R.I. @ 630X

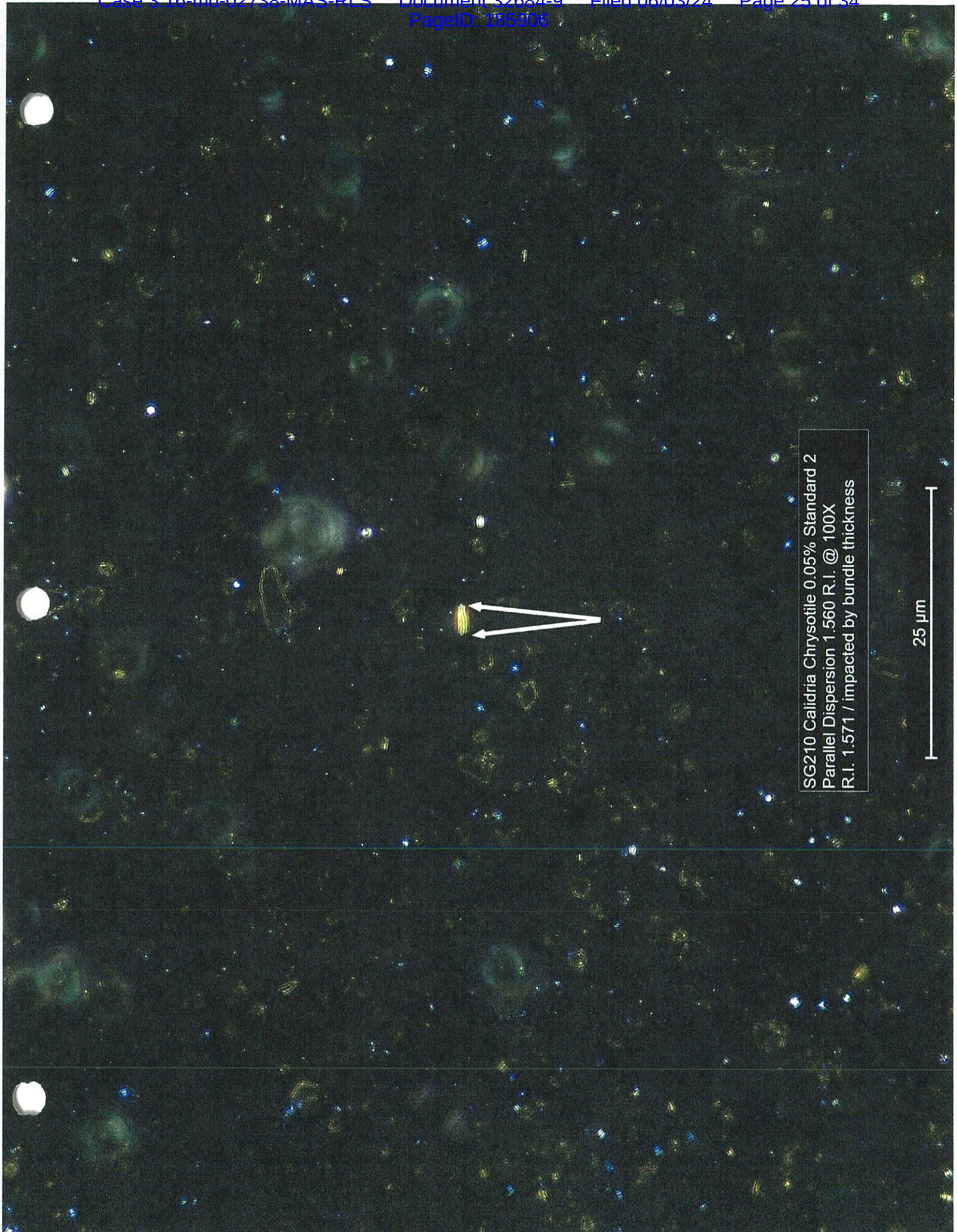
2.5  $\mu\text{m}$



SG210 Calidria Chrysotile 0.05% Standard 3  
Perpendicular Dispersion  
R.I. 1.559

25  $\mu$ m





SG210 Calidria Chrysotile 0.05% Standard 2  
Parallel Dispersion 1.560 R.I. @ 100X  
R.I. 1.571 / impacted by bundle thickness

25  $\mu$ m



SG210 Calidria Chrysotile 0.05% Standard 2  
Elongation @ 630X

2.5  $\mu$ m





SG210 Calidria Chrysofile 0.05% Standard 2  
Crossed Polars @ 630X

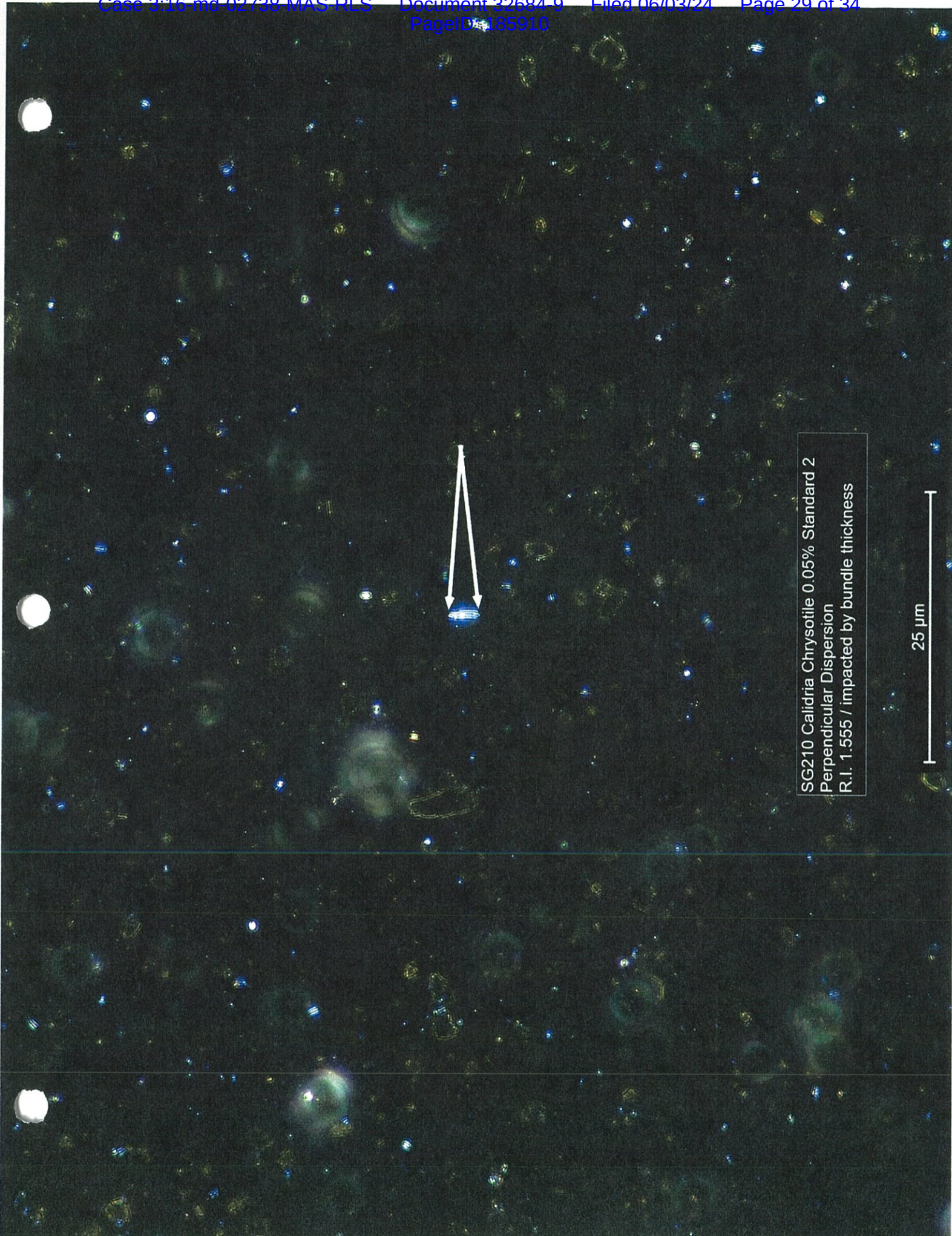
2.5  $\mu\text{m}$



SG210 Calidria Chrysotile 0.05% Standard 2  
Polarizer out  
Aperture Diaphragm 95% closed  
1.560 R.I. @ 630X

2.5  $\mu$ m

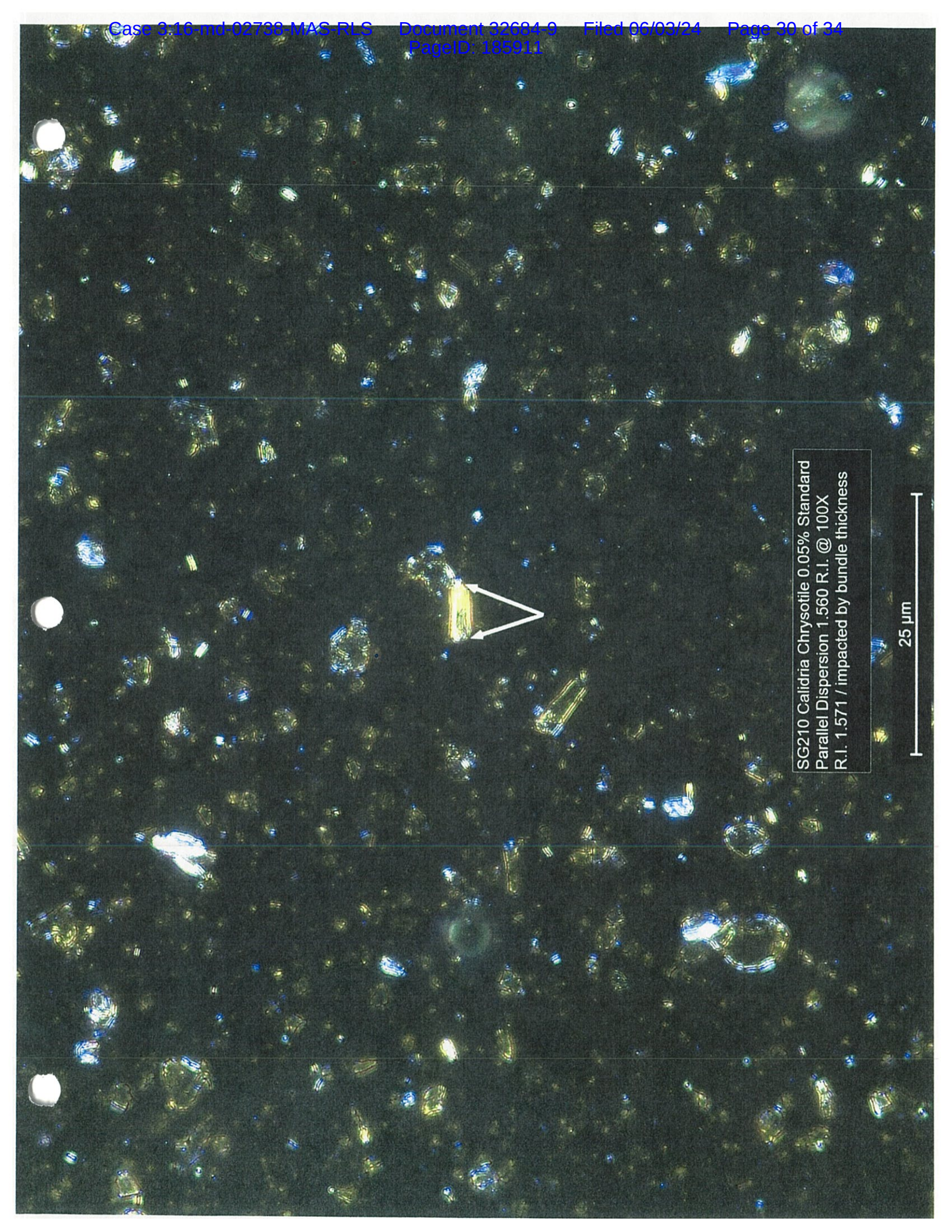




SG210 Calidria Chrysotile 0.05% Standard 2  
Perpendicular Dispersion  
R.I. 1.555 / impacted by bundle thickness

25 μm





SG210 Calidria Chrysotile 0.05% Standard  
Parallel Dispersion 1.560 R.I. @ 100X  
R.I. 1.571 / impacted by bundle thickness

The image is a polarized light micrograph showing a dense distribution of small, elongated, and fibrous mineral particles (chrysotile) against a dark background. The particles exhibit birefringence, with some appearing bright yellow and others showing blue or green hues. A white arrow points to a specific bundle of these fibers. A scale bar in the bottom right corner indicates a length of 25 micrometers.

25  $\mu\text{m}$

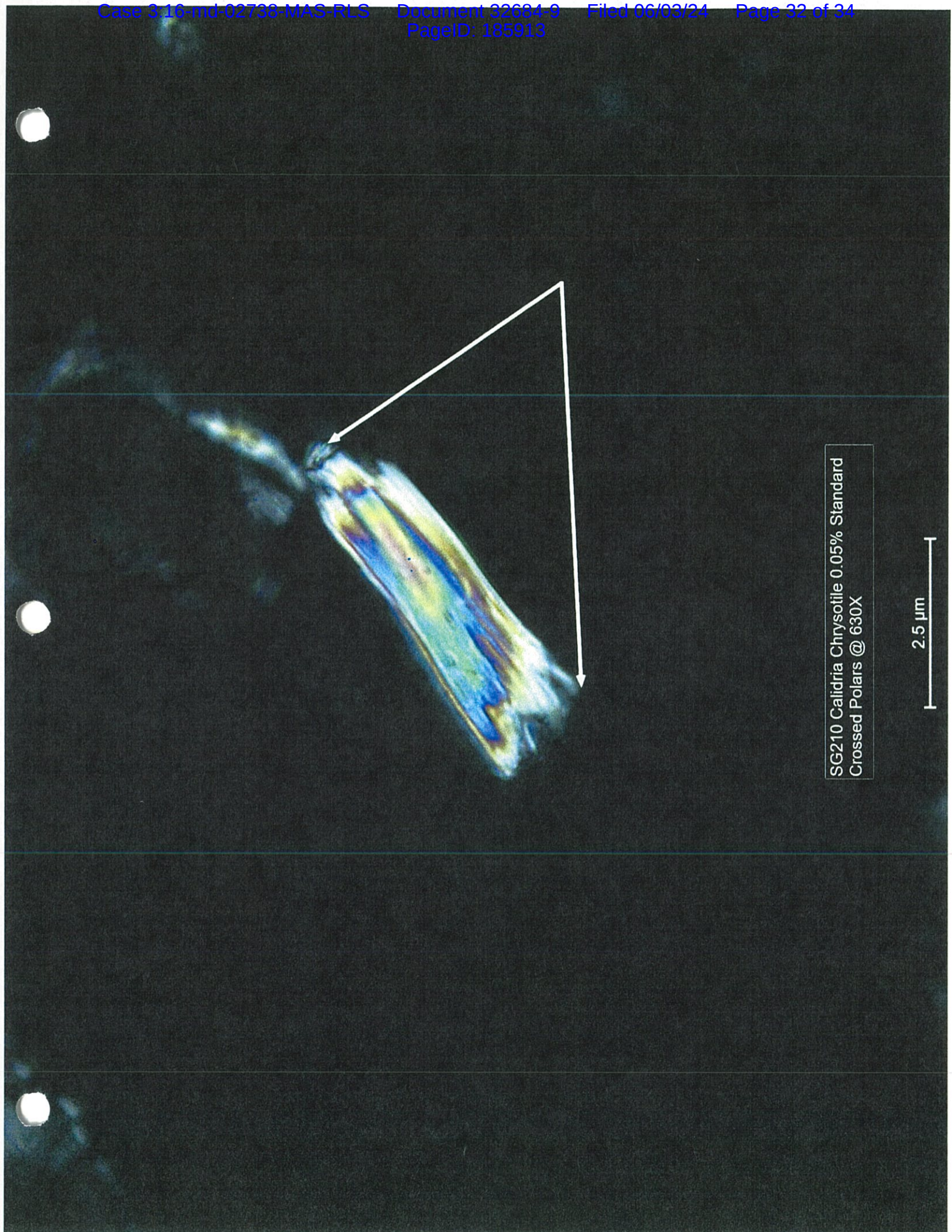




SG210 Calidria Chrysotile 0.05% Standard  
Elongation @ 630X

2.5  $\mu\text{m}$

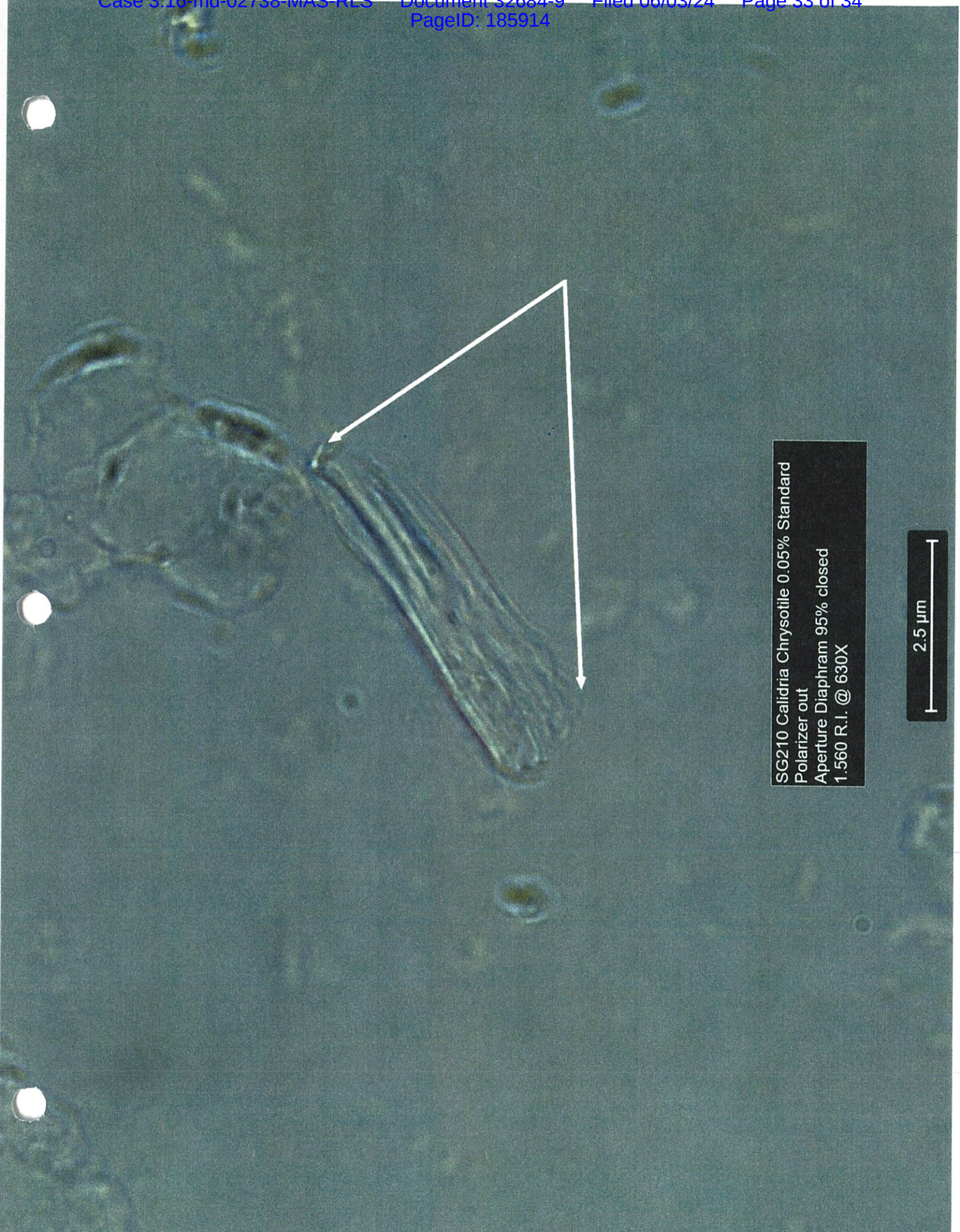




SG210 Calidria Chrysotile 0.05% Standard  
Crossed Polars @ 630X

2.5  $\mu$ m

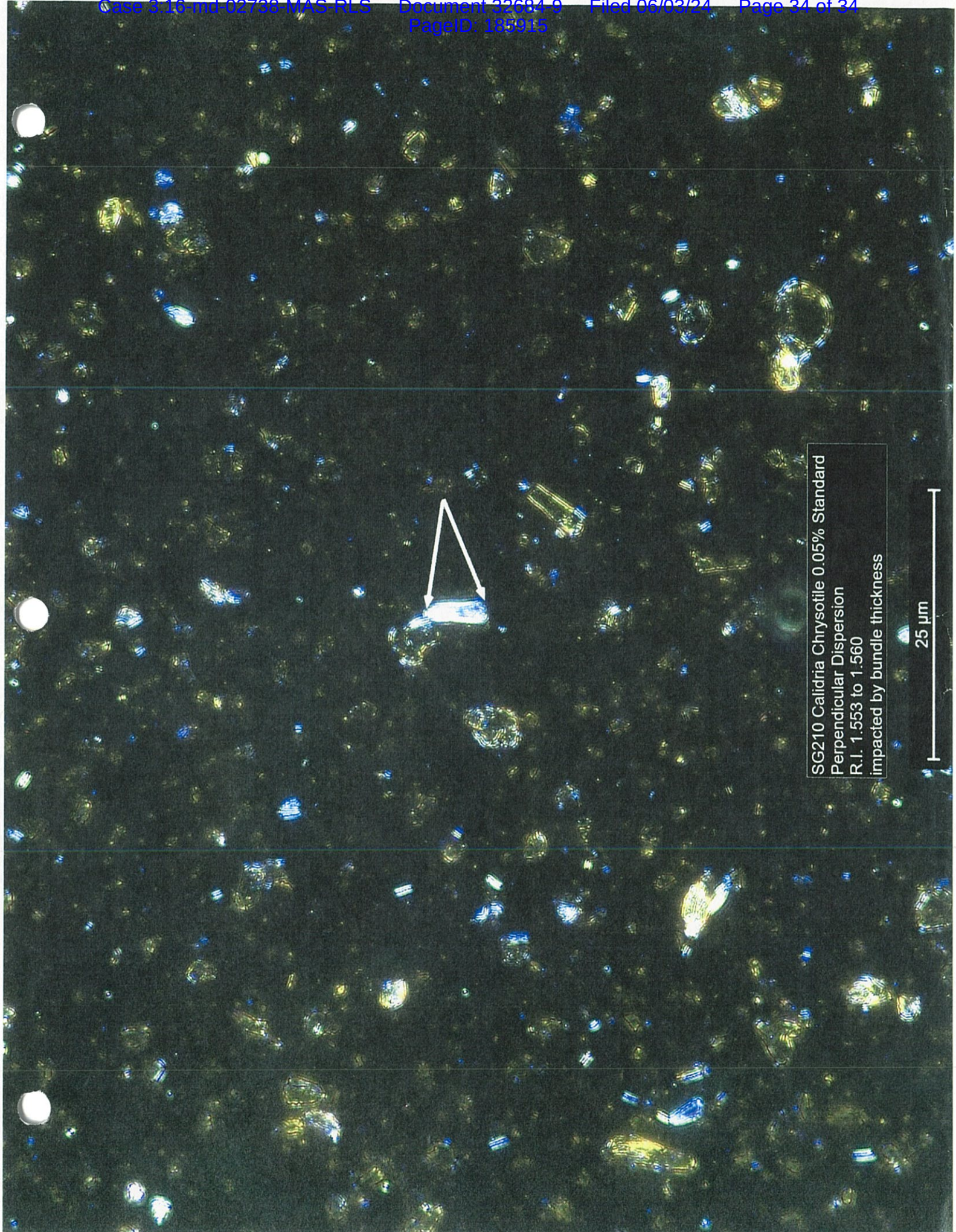




SG210 Calidria Chrysotile 0.05% Standard  
Polarizer out  
Aperture Diaphragm 95% closed  
1.560 R.I. @ 630X

2.5  $\mu$ m





SG210 Calidria Chrysotile 0.05% Standard  
Perpendicular Dispersion  
R.I. 1.553 to 1.560  
impacted by bundle thickness

25  $\mu$ m